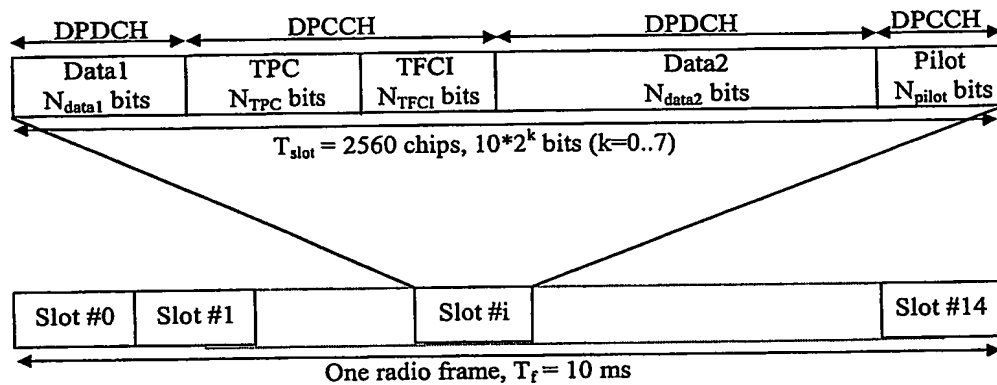
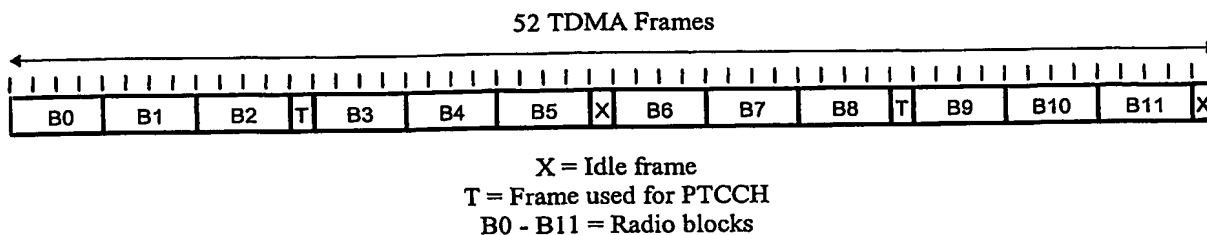


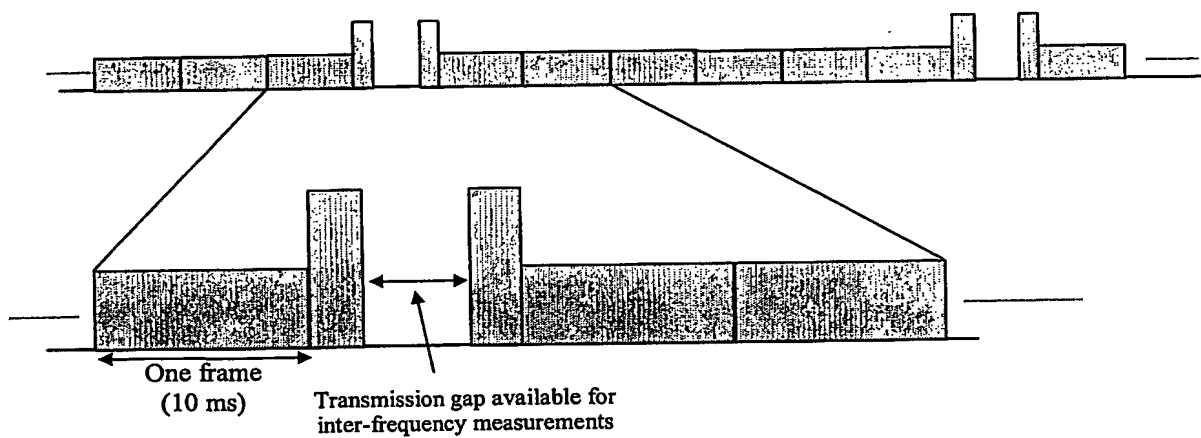
**Figure 1: Frame structure for uplink DPDCH/DPCCH**



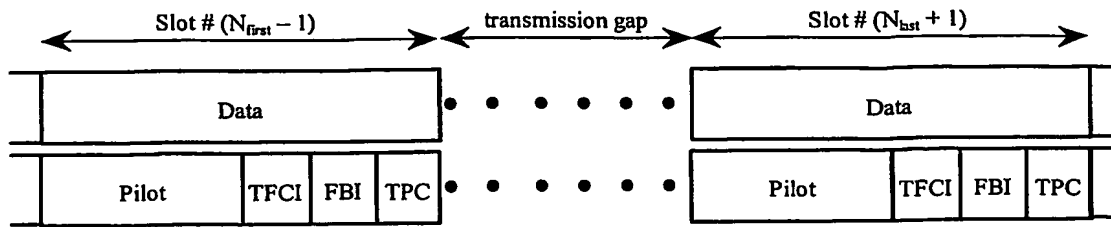
**Figure 2: Frame structure for downlink DPCH**



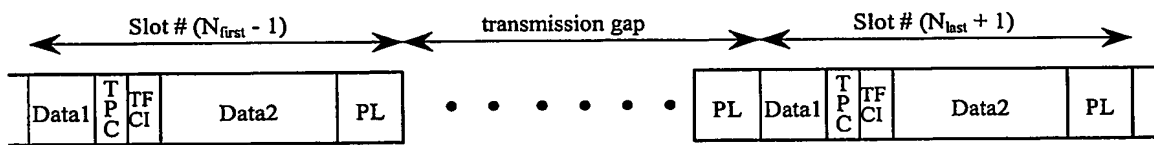
**Figure 3: Multiframe structure for PDCH**



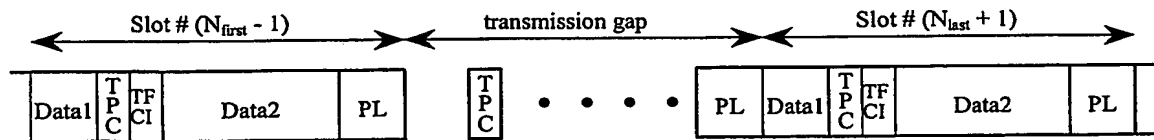
**Figure 4: Compressed mode transmission**



**Figure 5: Frame structure in uplink compressed transmission**

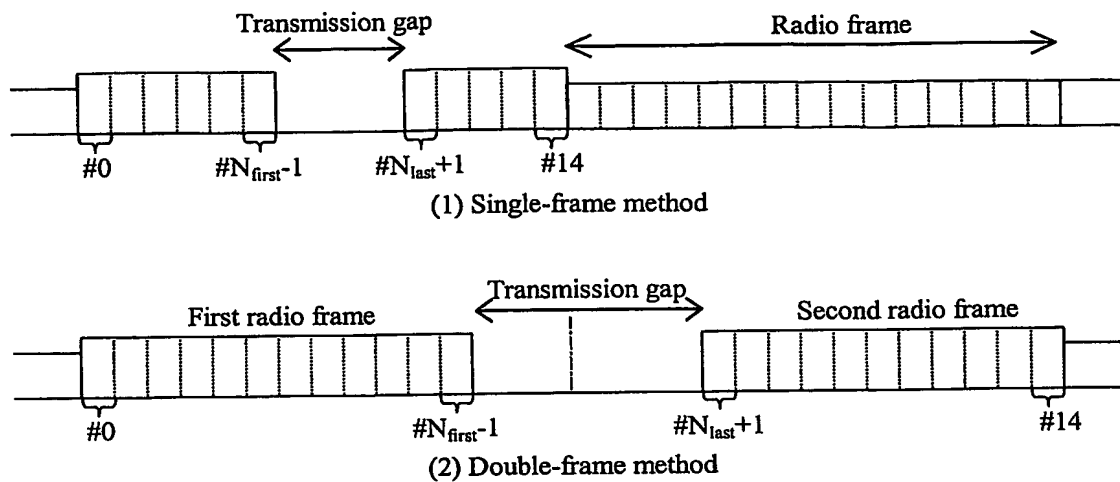


**(a) Frame structure type A**



**(b) Frame structure type B**

**Figure 6: Frame structure types in downlink compressed transmission**



**Figure 7: Transmission gap positioning**

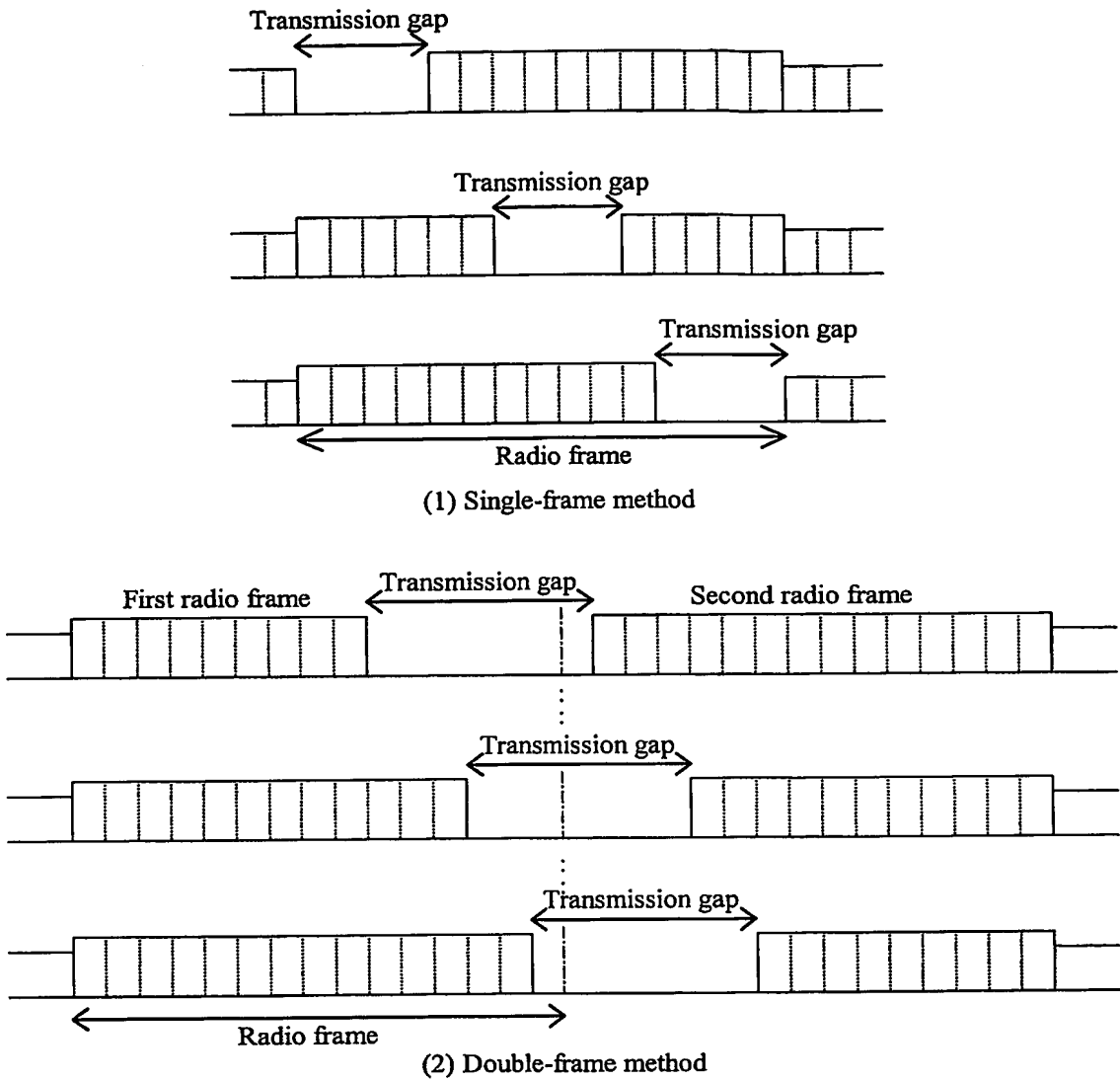
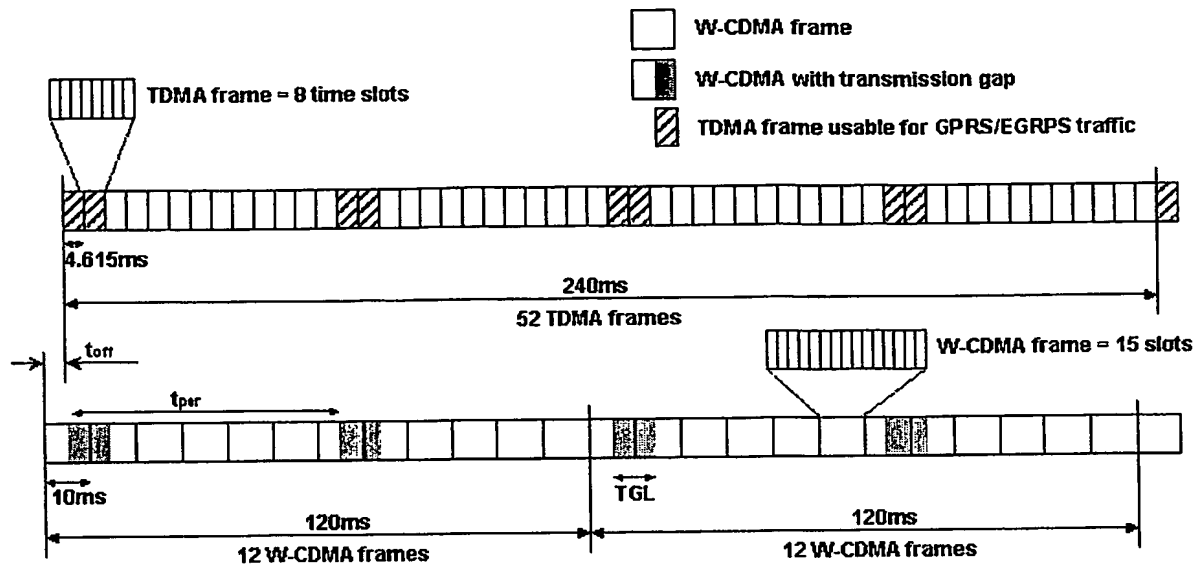
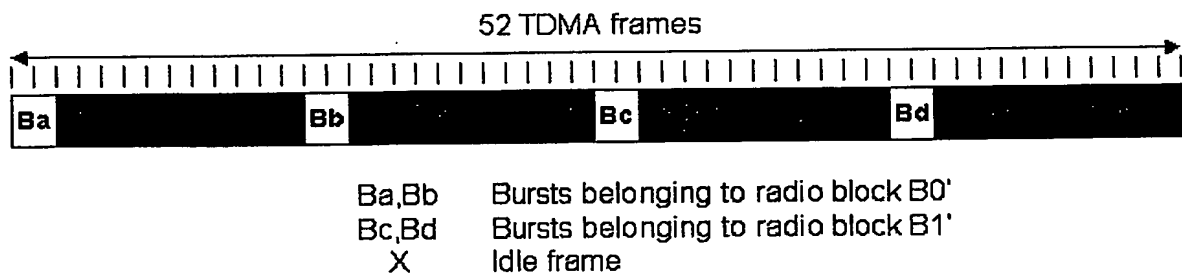


Figure 8: Transmission gap positions



**Figure 9: Mapping of TDMA and W-CDMA frames**



**Figure 10: Modified TDMA frame structure**

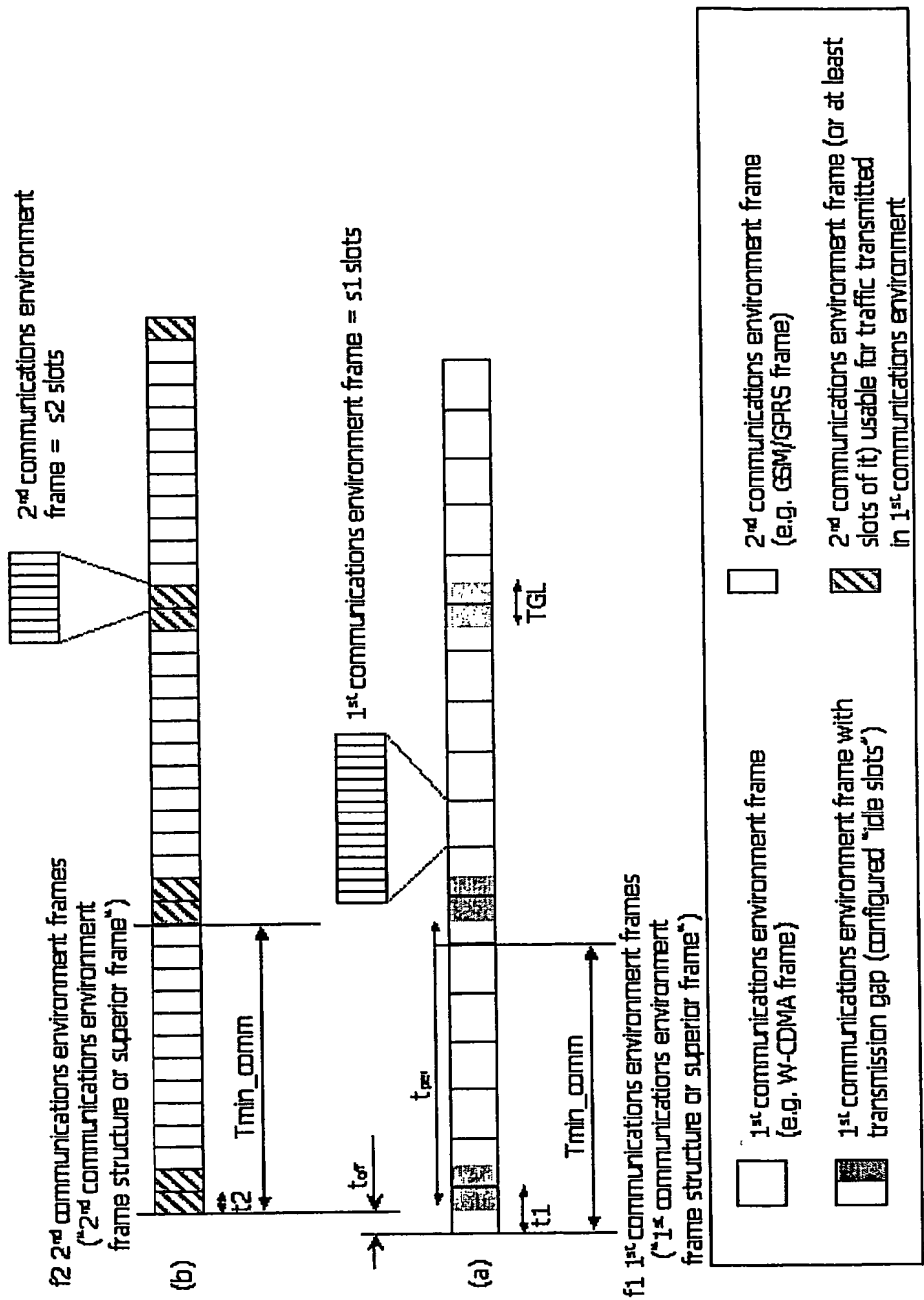
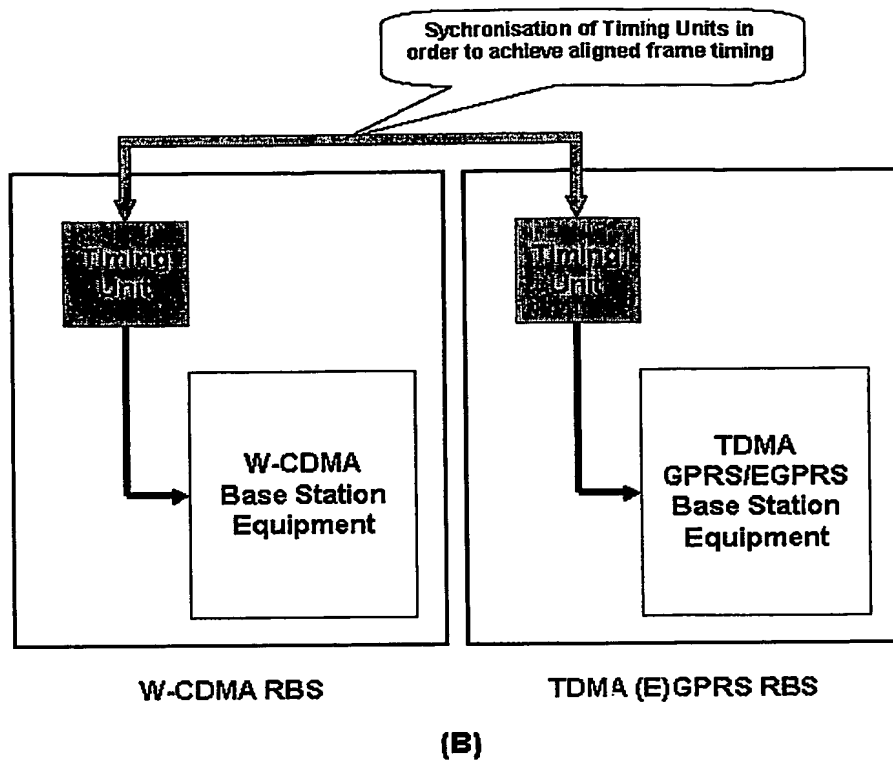
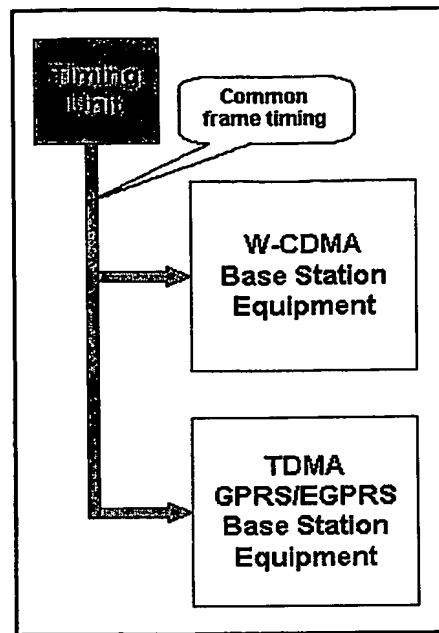


Figure 11: Mapping of a first frame structure to a second frame structure



**Figure 12: TDMA and W-CDMA single-mode radio base stations**

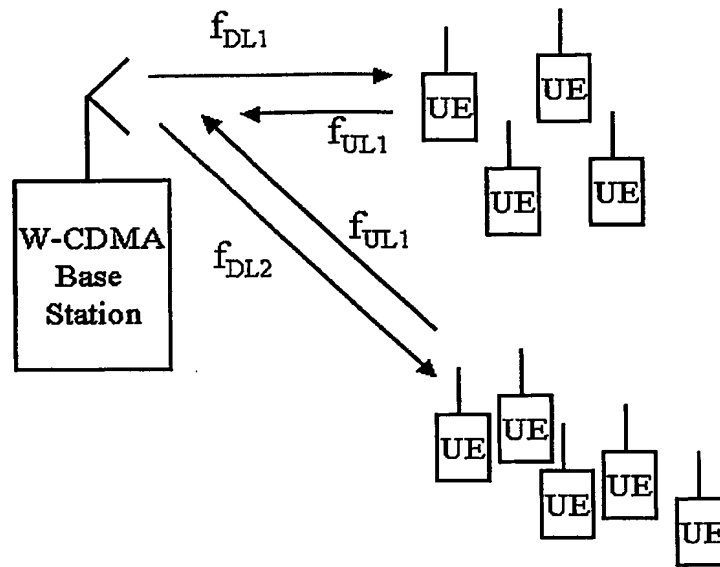




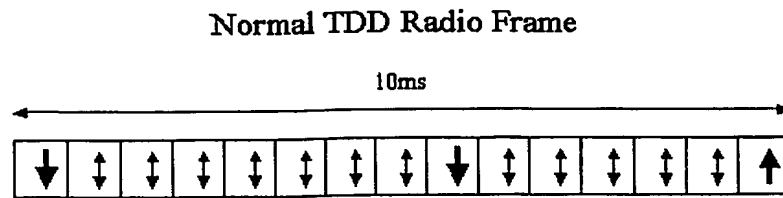
Dual-Mode RBS

(A)

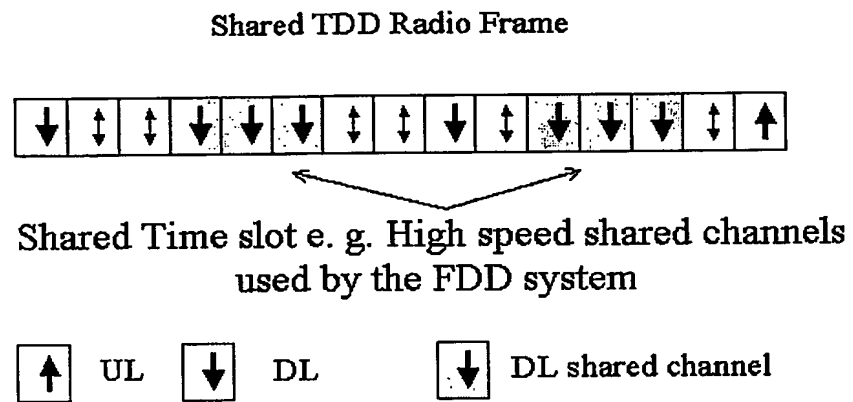
**Figure 13: Dual-mode radio base station**



**Figure 14: Variable duplex distance for a FDD TDD spectrum sharing**



**Figure 15: Conventional TDD frame structure**



**Figure 16: TDD frame structure for TDD/FDD spectrum sharing**

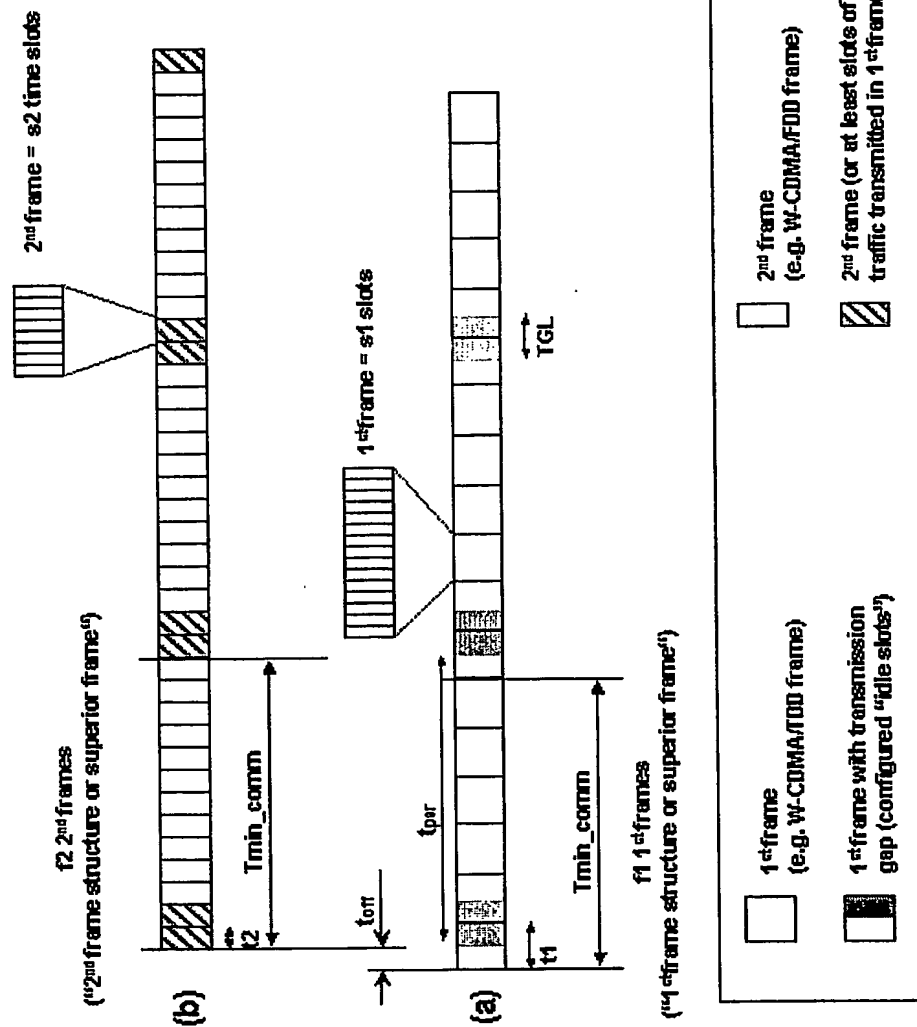


Figure 17: Mapping of a first frame structure to a second frame structure

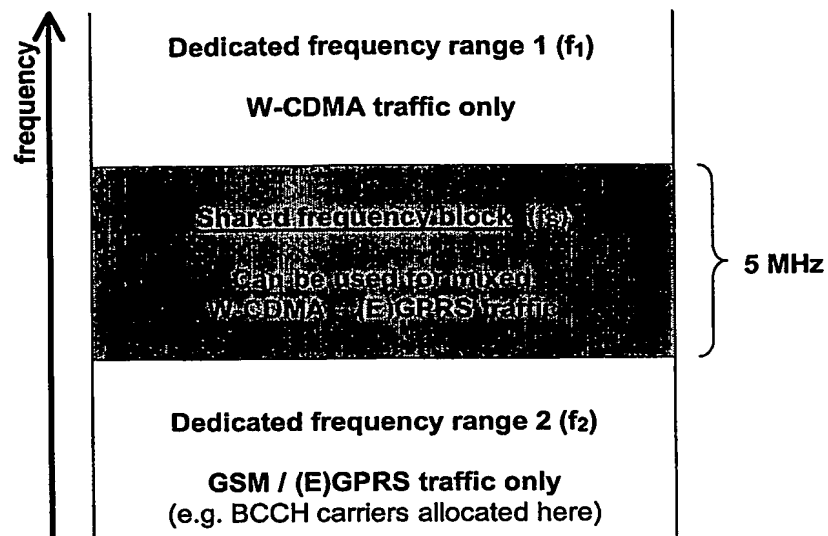
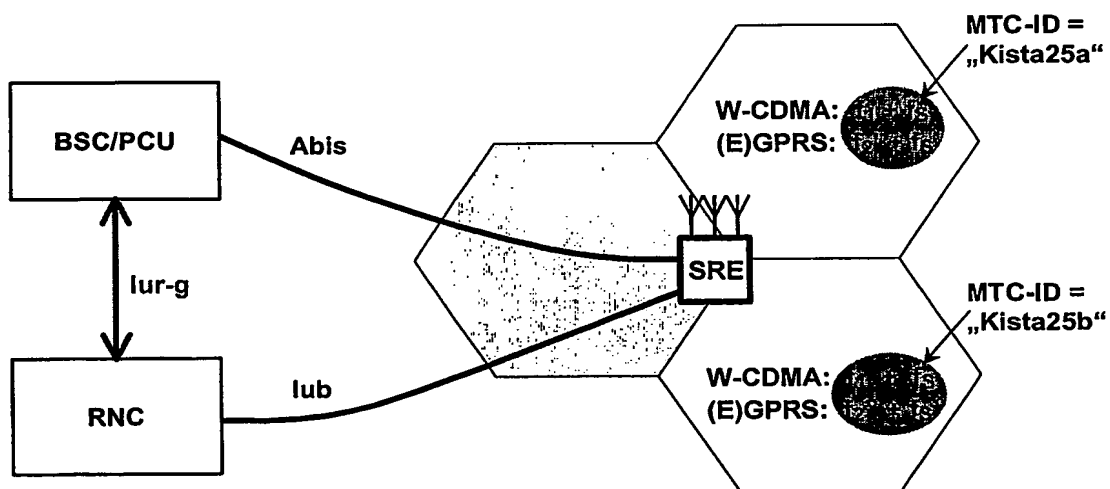


Figure 18



SRE = Synchronised RBS Equipment

where  $f_x'$  and  $f_x''$  are suitable carrier  
frequencies out of frequency range  $f_x$

Figure 19

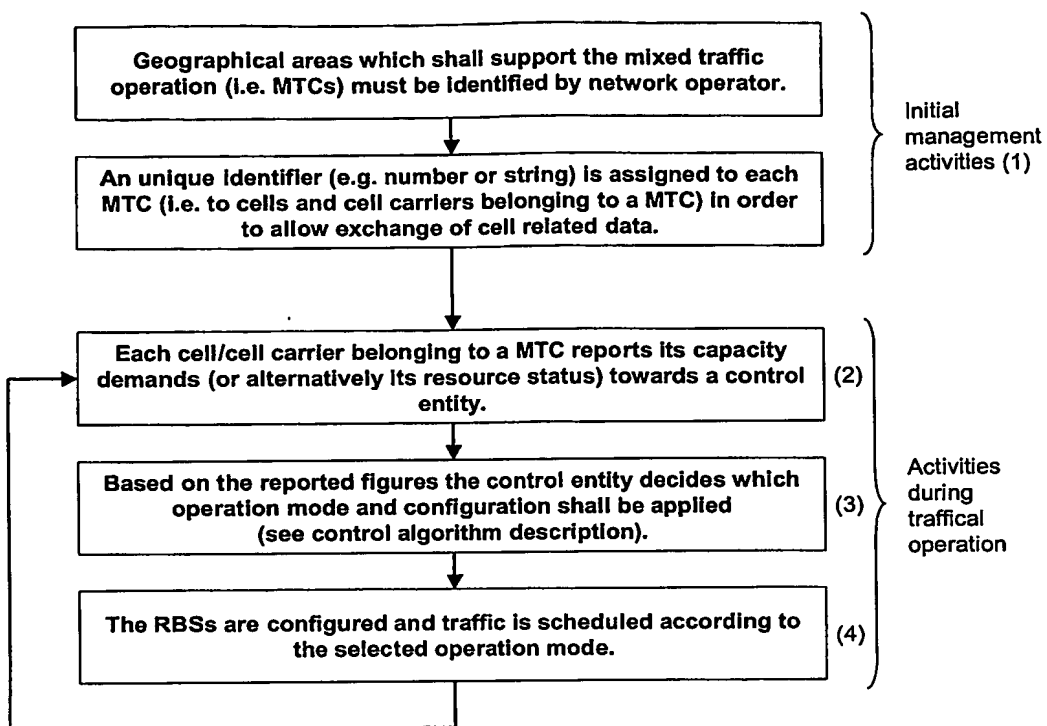
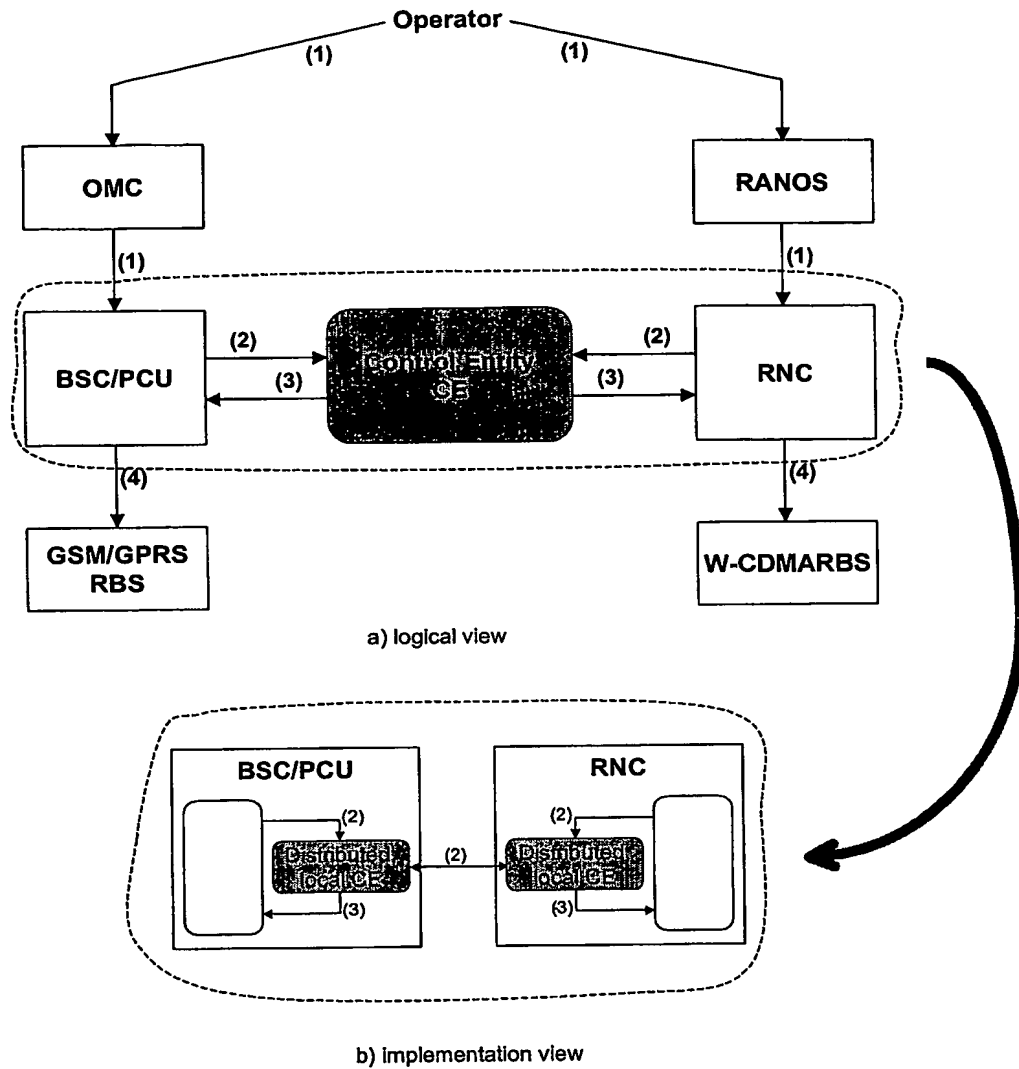


Figure 20

**Figure 21**



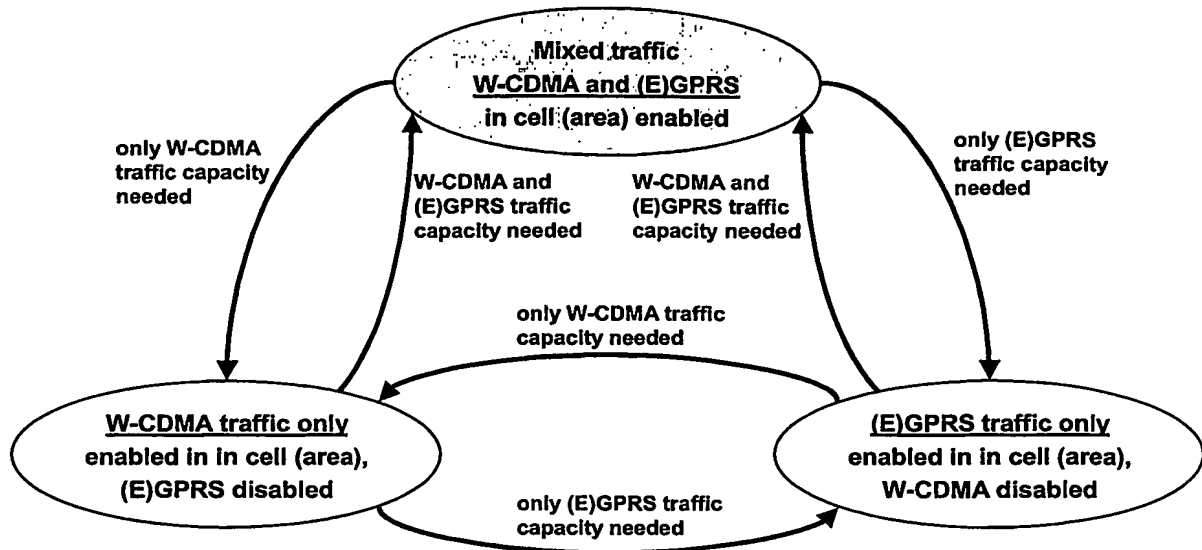


Figure 22

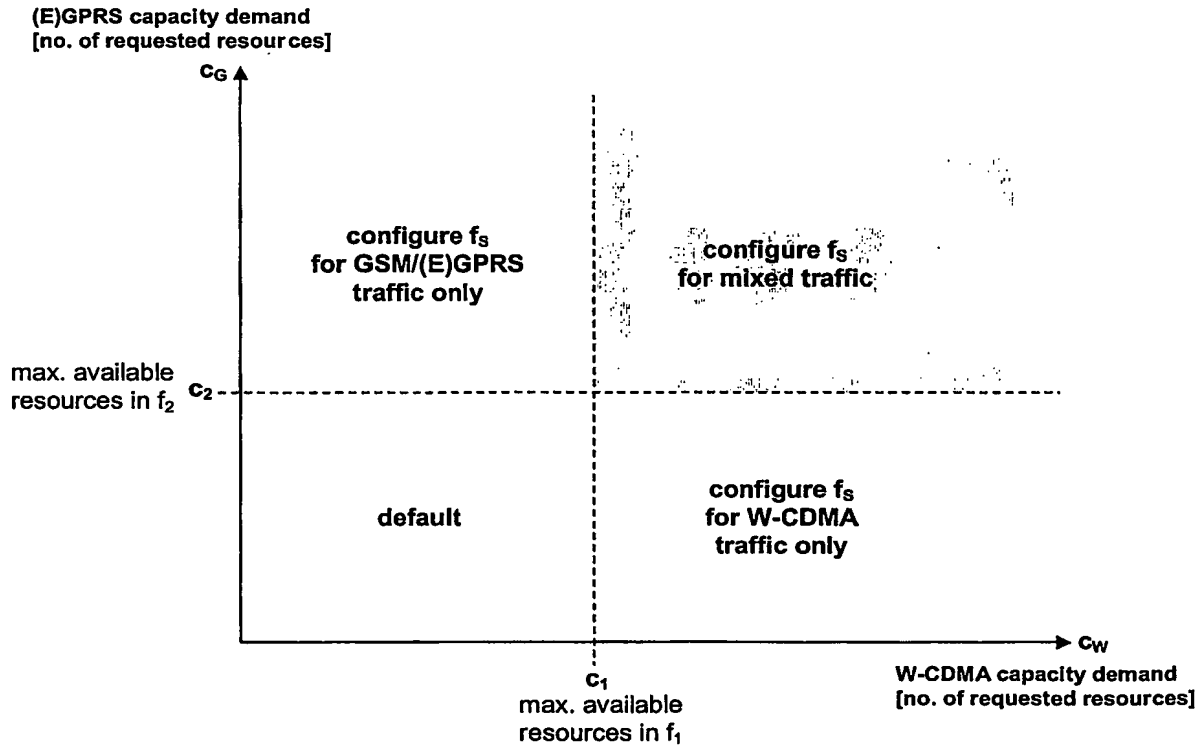
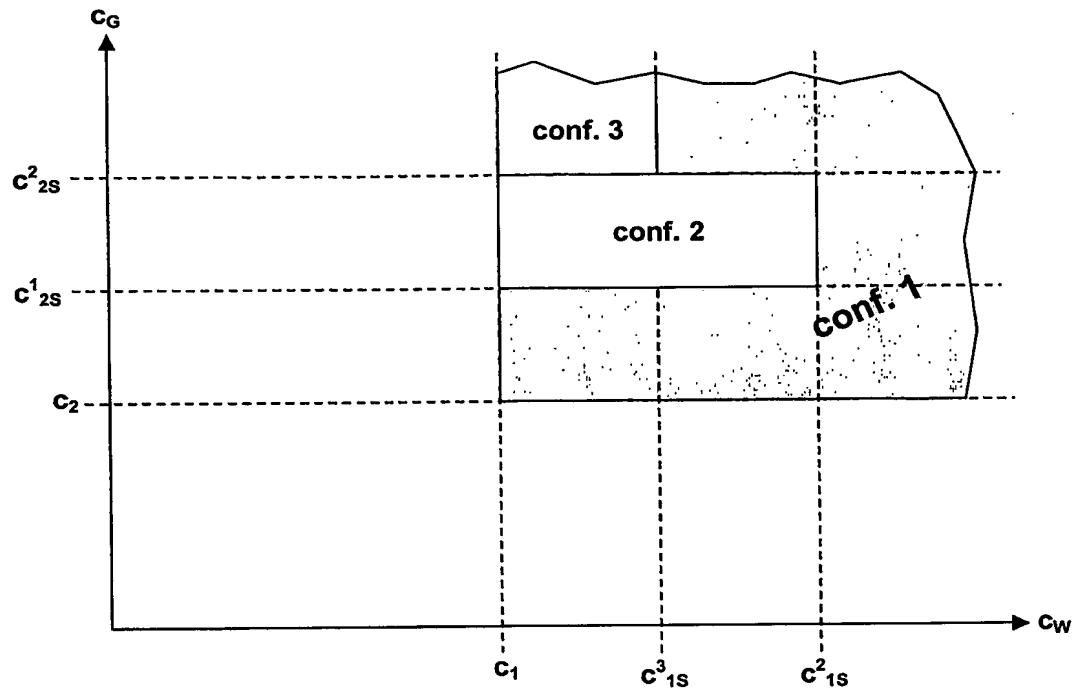


Figure 23



$C_{1s}^n$  : total available W-CDMA traffic capacity in  $f_1$  and  $f_s$ , when conf. n used for  $f_s$   
 $C_{2s}^n$  : total available (E)GPRS traffic capacity in  $f_2$  and  $f_s$ , when conf. n used for  $f_s$

**Figure 24**

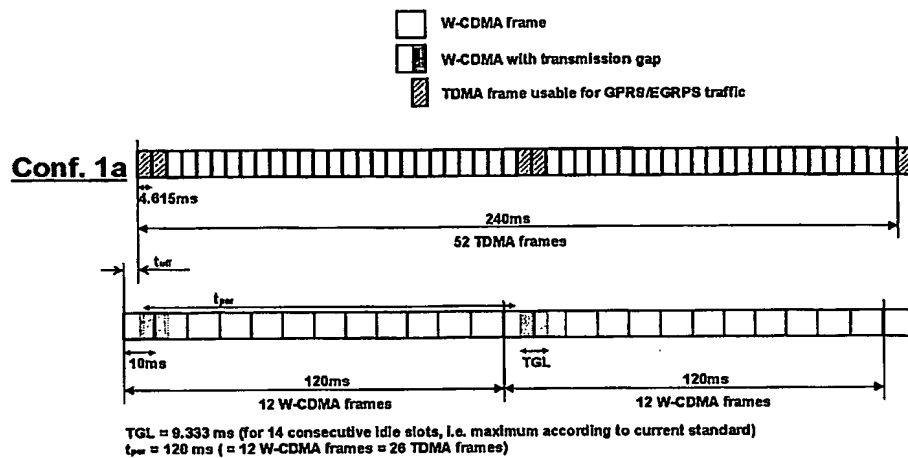


Figure 25

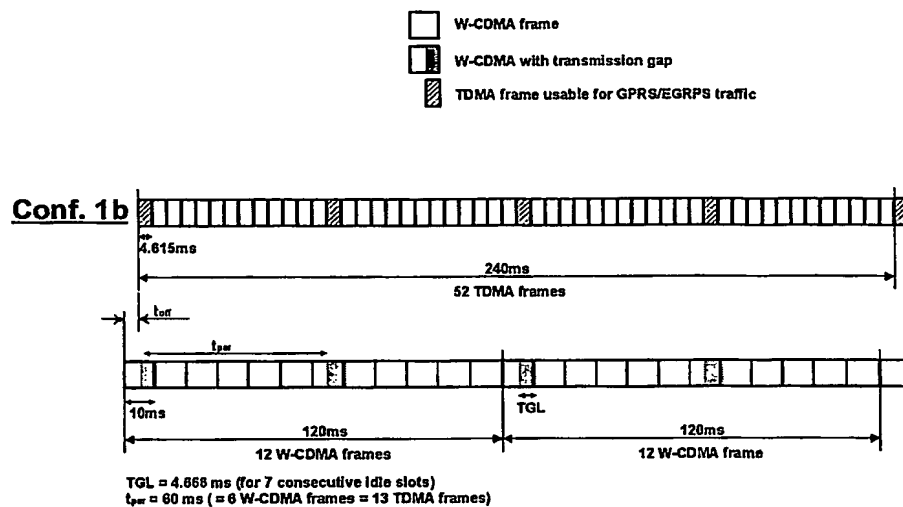


Figure 26

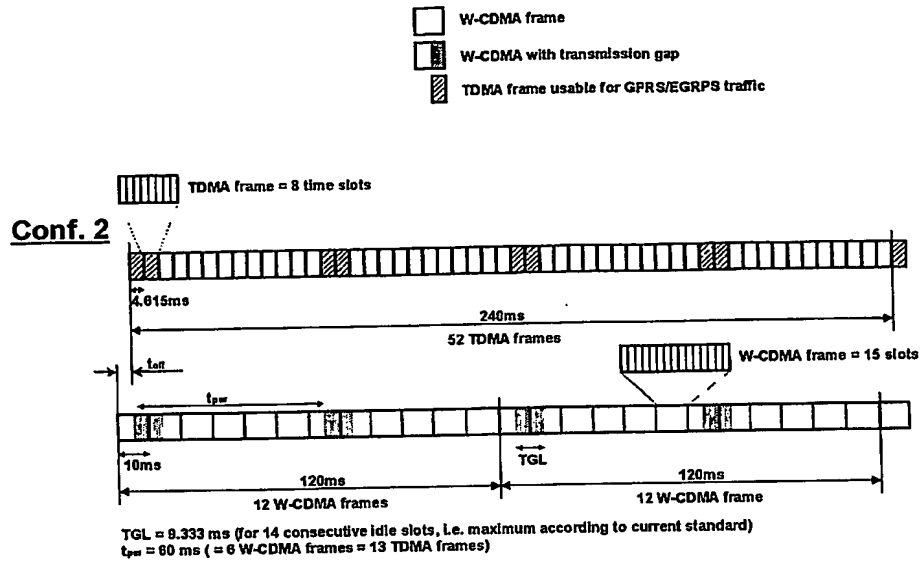


Figure 27

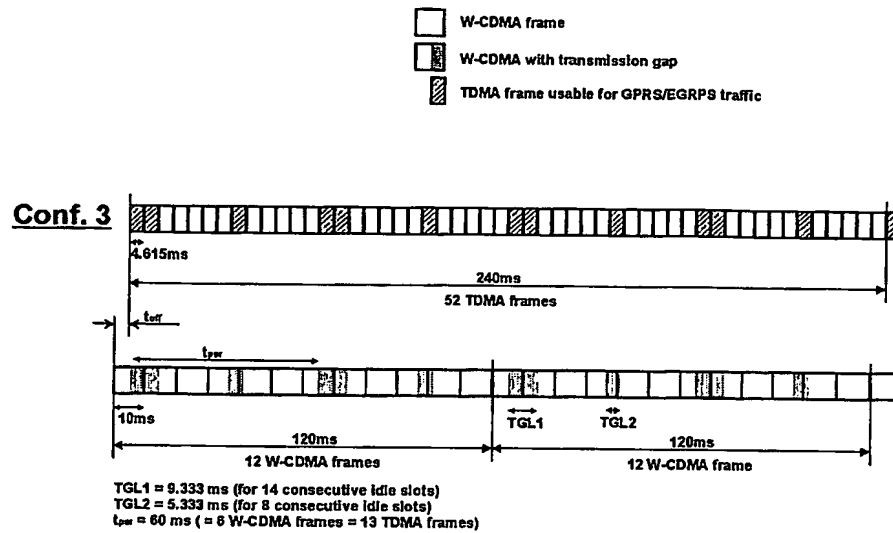


Figure 28